Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	tate of form 1449			Complete if Known		
INDODMAT	TON DISCL	OCHER STAT	EMENT RV	Application Number	Unassigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	September 8, 2003	
	ALL	ICANI		First Name Inventor	John W. Haley	
				Group Art Unit	Unassigned	
lus	(use as many sheets as necessary)			Examiner Name	Unknown	
Sheet	1	of	4	Attorney Docket Number	081276-9100-00	

U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document			
	4,776,313	Freismuth, et al.	10/11/1988			
	5,062,405	Daly	11/5/1991			
	5,097,594	Daly, et al.	3/24/1992			
	5,138,983	Daly	8/18/1992			
	5,163,406	Daly, et al.	11/17/1992			
	5,243,933	Mukawa	9/14/1993			
	5,357,931	Semence	10/25/1994			
	5,611,313	Ashcraft	3/18/1997			
	5,681,518	Ashcraft	10/28/1997			
	5,735,247	Tsuzuki, et al.	4/7/1998			
	5,743,235	Lueder	4/28/1998			
	6,073,617	Busato, et al.	6/13/2000			
	6,227,170	Koshiba	5/8/2001			
	4,771,751	Haigh, et al.	9/1988			
	4,982,716	Takeda, et al.	1/1991			
	5,086,743	Hickey	2/1992			
	5,088,463	Affeldt, et al.	2/1992			

Examiner Signature	Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	tute of form 1449	/PTO		Complete if Known		
INFORMAT	TON DISCL	OSTIDE STAT	FMENT RV	Application Number	Unassigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	September 8, 2003	
	AFFLICANI			First Name Inventor	John W. Haley	
				Group Art Unit	Unassigned	
(use as many sheets as necessary)			v)	Examiner Name	Unknown	
Sheet	2	of	4	Attorney Docket Number	081276-9100-00	

U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document			
	5,111,794	DeGrace, Jr.	5/1992			
	5,168,857	Hickey	12/1992			
	5,172,671	Peters, et al.	12/1992			
	5,189,782	Hickey	3/1993			
	5,215,063	Yeh	6/1993			
	5,220,900	Wakeman	6/1993			
	5,398,656	Brisbane, et al.	3/1995			
	5,531,202	Lorraine	7/1996			
	5,577,480	Gmelin, et al.	11/1996			
	5,598,824	Treusch, et al.	2/1997			
	5,616,037	Lorraine, et al.	4/1997			
	5,657,733	Dozier, et al.	8/1997			
	5,718,206	Sawada, et al.	2/1998			
	5,881,701	King, et al.	3/1999			
	5,934,253	Kojima, et al.	8/1999			
	5,980,335	Barbieri, et al.	11/1999			
	6,053,148	Glovatsky, et al.	4/2000			

	I''			
Examiner	Date	ļ		
Signature	Considered			
			4	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subst	itute of form 1449/	PTO		Complete if Known		
INFORMAT	TION DISCLO	SURE STAT	EMENT BY	Application Number	Unassigned	
INTORMA	APPLI			Filing Date	September 8, 2003	
				First Name Inventor	John W. Haley	
				Group Art Unit	Unassigned	
(use as many sheets as necessary)			ע)	Examiner Name	Unknown	
Sheet	3	of	4	Attorney Docket Number	081276-9100-00	

	U.S. PATENT DOCUMENTS						
Examiner Initials	U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document				
	6,131,824	Fly	10/2000				
	5,597,980	Weber	1/28/1997				
	4,552,311	Casey	11/12/1985				
	5,713,323	Walsh, et al.	2/3/1998				
	5,771,863	Daly	6/30/1998				
	5,120,084	Hashimoto	6/9/1992				
	5,127,382	Imoehl	7/7/1992				
	6,053,149	Loraine	4/25/2000				
	6,196,195 B1	Trutschel, et al.	3/6/2001				
	5,172,939	Hashimoto	12/22/1992				
	6,497,218	Warner, et al.	12/24/2002				
	5,197,435	Mazur, et al.	3/30/1993				
	4,660,531	Lauterbach, et al.	4/1987				
	4,092,517	Woodacre	5/1978				
	5,295,468	Blessing, et al.	3/22/1994				
	5,363,825	Becker	11/15/1994				
	5,390,638	Hornby, et al.	2/21/1995				

	 1	
Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Subst	titute of form 1449/	PTO		Complete if Known		
INFORMA	TION DISCLO	SURE STAT	EMENT BY	Application Number	Unassigned	
	APPLI			Filing Date	September 8, 2003	
1				First Name Inventor	John W. Haley	
				Group Art Unit	Unassigned	
(u	(use as many sheets as necessary)			Examiner Name	Unknown	
Sheet	4	of	4	Attorney Docket Number	081276-9100-00	

	· · · · · · · · · · · · · · · · · · ·		U.S. PA	TENT DOCUMENTS	S			
Examiner Initials				Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document		
	6,3	6,341,595 S		Scollard, et al.		1/2002		
	5,0	603,302		Minagawa, et al.		2/1997		
	5,7	5,617,827 Esl 6,205,979 Sir 6,422,191 Bra		Guido, et al.		7/1998		
	5,0			Eshleman, et al.		4/1997		
	6,2			Sims, Jr., et al. Braun, et al. Warner, et al.		3/2001 7/23/2002		
	6,4							
	20					4/17/2003		
	,							
		F	OREIGN	PATENT DOCUME	NTS	•		
Examiner Country Foreign Patent Document Nam		me of Patentee or ant of Cited Document	Date of Publication		Translation	English Abstrac		

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer. Patent and Trademark Office, Washington, DC 0231.